

20010513.qrp v02\_n188.qrl.20010513

Date: Sun, 13 May 2001 19:03:11 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2188

QRP-L Digest 2188

Topics covered in this issue include:

- 1) [98139] Antenna and noise  
by "Karl F. Larsen" <k5di@zianet.com>
- 2) [98140] MH101: calling all caps  
by John Wagner <john@neknetwork.com>
- 3) [98141] FW: 3B6RF QRT early  
by "Ed Tanton" <n4xy@att.net>
- 4) [98142] Re: printing help files  
by Phil Wheeler <w7ox@earthlink.net>
- 5) [98143] RE: printing help files  
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 6) [98144] Re: MH101: KB1ENS started and website  
by "John A. Evans - N0HJ" <jae@codenet.net>
- 7) [98145] Re: Source for LM381A  
by "John A. Evans - N0HJ" <jae@codenet.net>
- 8) [98146] [MH101] Capacitors  
by "blinn" <blinn@smgazette.com>
- 9) [98147] OT Looking for SUN/SGI System  
by "Dave Dabay" <kd3pc@mindspring.com>
- 10) [98148] RE: Micro-Solar QRPP  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 11) [98149] RE: You are correct about the Band conditions de AL7FS  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 12) [98150] The Bands & Space WX  
by "Rod Cerkoney" <n0rc@hotmail.com>
- 13) [98151] Re: You are correct about the Band conditions de AL7FS  
by "blinn" <blinn@smgazette.com>
- 14) [98152] Repeat a messages, please!  
by "Oleg Borodin" <master72@lipetsk.ru>
- 15) [98153] web page  
by "Pastor-KC1DI" <elbc@pivot.net>
- 16) [98154] FT-817 and 6 Mtrs.  
by "Chuck Carpenter" <w5usj@globeco.net>
- 17) [98155] Test: Do not read:  
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 18) [98156] Re: Test: Do not read:  
by <baltimoremd@baltimoremd.com>
- 19) [98157] Re: printing help files

- by Richard Rood <fcs@juno.com>
- 20) [98158] QRPedal  
by "Kenneth Evans" <w4du@mediaone.net>
  - 21) [98159] QRPedal  
by "Kenneth Evans" <w4du@mediaone.net>
  - 22) [98160] QRPedal  
by "David Bixler" <qrp@netins.net>
  - 23) [98161] Re: QRPedal  
by Bruce Rattray <rattray@gpfn.sk.ca>
  - 24) [98162] Pocket SWR-LED indicator  
by "Steve/n0tu" <n0tu@webaccess.net>
  - 25) [98163] MH101: More cap questions  
by John Wagner <john@neknetwork.com>
  - 26) [98164] Re: MH101: More cap questions  
by "Mark Hogan" <mhogan@email.msn.com>
  - 27) [98165] Re: MH101: More cap questions  
by "John J. McDonough" <wb8rcr@arrl.net>
  - 28) [98166] Re: MH101: More cap questions  
by "Tony Fishpool" <g4wif@btinternet.com>
  - 29) [98167] Free Circuit CAD & Analysis Program  
by Tom & Roxanne <zikot@erie.net>
  - 30) [98168] RE: printing help files  
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
  - 31) [98169] Re: MH101: More cap questions  
by "blinn" <blinn@smgazette.com>
  - 32) [98170] Re: MH101: More cap questions  
by "blinn" <blinn@smgazette.com>
  - 33) [98171] Re: MH101: More cap questions  
by "Brian Murrey" <bmurrey@amexol.net>
  - 34) [98172] Re: MH101: More cap questions  
by "blinn" <blinn@smgazette.com>

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Date: Sat, 12 May 2001 17:07:05 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-1@lehigh.edu>  
Subject: [98139] Antenna and noise  
Message-ID: <Pine.LNX.4.33.0105121659350.2358-100000@localhost.localdomain>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

A friend kc5evr/m is in Des Moines, Iowa and I worked him an hour ago on 40 meters QRO at 7.29 lsb. I first got him with my 80 meter zepp center fed with 450 ohm ribbon to a 4-1 balun to the antenna tuner. He was weak but good copy with some DSP audio help in Las Cruces, NM.

For fun I changed antenna to my butternut vertical. I was heard better by the mobile but the signal-to-noise on my receiver went west and I could not copy him. I had to switch back to the wire to copy him.

Since the band was dead I thought you guys might like to know a schedule gets through even on a dead band!

--  
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Sat, 12 May 2001 20:14:54 -0400  
From: John Wagner <john@neknetwork.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [98140] MH101: calling all caps  
Message-ID: <3AFDD1FE.BD500C7D@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Gang,

My junque box has come up short, my local radio shack even shorter, and the old VCR that I routinely raid for capacitors finally let me down (not completely though!).

I need slightly more then a few caps to complete the SW-30+ manhattan style:

3300pF x 2  
270pF x 4  
68pF x 2  
150pF x 4  
.033uF x 1  
.0022uF x 1

For trade I have a spare 2SC2078 or two and some MV1662 diodes, as well as other pieces and parts that you may or may not be interested in. I'll also buy them from you outright if that's an option.

Please email direct if you can help. Tnx es 73,

John, KB1ENS

--

John Wagner - john@neknetwork.com  
Web page: <http://www.neknetwork.com>

-----  
Date: Sat, 12 May 2001 20:13:20 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>  
Cc: "Randy Tudor K4ODL" <rtudor@att.net>, "CW Reflector" <cw@qth.net>  
Subject: [98141] FW: 3B6RF QRT early  
Message-ID: <CKEGICNFDIMCEKEDCEHFKELEHBAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

Of interest to DX'ers...

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

R-390: Motorola SN: 374;  
R-390-A: Capehart SN: 2241  
51S-1 WE SN: 4389  
HRO-50; HRO-60; & HRO-500  
SP600-VLF SP600-JX-17 SP-600-JX-21

>-----Original Message-----

>From: lu7awy@geocities.com [mailto:lu7awy@geocities.com]

>Sent: Saturday, May 12, 2001 8:02 PM

>To: lu-hams@yahooogroups.com

>Subject: [LU-hams] [425ENG] 3B6RF QRT early

>

>

>Press Release

>

>I just received this from the the head pilot.



Date: Sat, 12 May 2001 17:52:13 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: dan@voyager.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [98142] Re: printing help files  
Message-ID: <3AFDDABD.2A3CE1DA@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

They often have a toolbar item to print that section of the help file; that's how I got a reference for Digipan. You might also check the MixW website (I assume there is one) and see if they have a manual you can download.

Phil W7OX

Dan Poorman wrote:

>  
> Has anyone found a program to print out the Help Files from various  
> windows programs.  
> For example, MixW is one heck of a complicated program to use it to  
> it's fullest. A printed manual would make that easier so I'd like to  
> print out the help files.  
> Anyone have any ideas?  
>  
> Thanks  
>  
> Dan  
> WB8QKR

-----  
Date: Sat, 12 May 2001 20:54:37 -0400  
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>  
To: "'w7ox@earthlink.net'" <w7ox@earthlink.net>, Low Power Amateur Radio  
Discussion <qrp-l@Lehigh.EDU>  
Subject: [98143] RE: printing help files  
Message-ID: <078F21595FA7D411B87B00805FA728E64A4747@atlexc02ntms.hboc.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

There is a utility that was developed for "logger" that prints out the help files or any windows help file. Check on the logger site and I will try to find it and post it If I can find it.

Jerry  
W3CDE

-----Original Message-----

From: Phil Wheeler [mailto:w7ox@earthlink.net]  
Sent: Saturday, May 12, 2001 8:52 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: printing help files

They often have a toolbar item to print that section of the help file; that's how I got a reference for Digipan. You might also check the MixW website (I assume there is one) and see if they have a manual you can download.

Phil W7OX

Dan Poorman wrote:

>  
> Has anyone found a program to print out the Help Files from various  
> windows programs.  
> For example, MixW is one heck of a complicated program to use it to  
> it's fullest. A printed manual would make that easier so I'd like to  
> print out the help files.  
> Anyone have any ideas?  
>  
> Thanks  
>  
> Dan  
> WB8QKR

-----  
Date: Sat, 12 May 2001 19:19:10 -0600  
From: "John A. Evans - N0HJ" <jaevans@codenet.net>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [98144] Re: MH101: KB1ENS started and website  
Message-ID: <3AFDE10E.93038517@codenet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings,

Does anyone have a pointer to a source for small quantities of the LM381A ?

tnx es 72 - john - n0hj

-----  
Date: Sat, 12 May 2001 19:22:39 -0600  
From: "John A. Evans - N0HJ" <jaevans@codenet.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [98145] Re: Source for LM381A  
Message-ID: <3AFDE1DF.D3FA60DA@codenet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Oops - shoulda changed the subject first - how embarrassing !

"John A. Evans - N0HJ" wrote:

> Greetings,  
>  
> Does anyone have a pointer to a source for small quantities of the LM381A ?  
>  
> tnx es 72 - john - n0hj

-----  
Date: Sat, 12 May 2001 19:00:37 -0700  
From: "blinn" <blinn@smsgazette.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [98146] [MH101] Capacitors  
Message-ID: <000301c0db50\$82da8700\$70b8e5d8@blinn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I need a short course on capacitors.   NPO?   NPO Mono?   Mono?   Ceramic?  
Mylar?

Maybe someone can point me to a tutorial on the Web?

Confused,  
Bill

--



-----  
Date: Sat, 12 May 2001 22:39:09 -0400  
From: "Dave Dabay" <kd3pc@mindspring.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [98147] OT Looking for SUN/SGI System  
Message-ID: <000b01c0db55\$e43733e0\$6286fea9@mails>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sorry for the OT post

I am looking for experience with resellers in SUN/SGI systems. Looking at an Indy or Sparc 5 with legal Irix/Solaris. Has anyone had a good experience or bad with certain vendors. Single unit wanted for home use, star office, internet, email and to relearn things. I used to work for SGI but think SUN may be easier/cheaper/more readily available. I am tired of windows coming and going. Please reply direct unless applies to the whole group.

thanks

dave

Dave Dabay    KD3PC    QRP-L #365

-----  
Date: Sat, 12 May 2001 23:33:24 -0400  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>  
Subject: [98148] RE: Micro-Solar QRPp  
Message-ID: <3AFE0084.C8B82D7B@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I use an auto battery conditioner type of panel to keep my "Jumper 850" gel cel unit topped off at all times. This is the power for my K2. It works great and has never given me any grief. If you're QRP and you haven't gone solar you're missing half the fun.

--

+++++

T.J. "SKIP" AREY N2EI

K2 #945 K1# 717 (under construction)

Specialization is for insects! LAZARUS LONG

-----

Date: Sat, 12 May 2001 23:35:48 -0400  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [98149] RE: You are correct about the Band conditions de AL7FS  
Message-ID: <3AFE0114.BA02B830@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I think it is Murphy's Law. It seems the bands go dead every time I am trying to use "live" signals to align or check a radio.

--

+++++

T.J. "SKIP" AREY N2EI

K2 #945 K1# 717 (under construction)

Specialization is for insects! LAZARUS LONG

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Date: Sat, 12 May 2001 22:06:44 -0600  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [98150] The Bands & Space WX  
Message-ID: <0E56yAphwFutJLt0sJ300001d0d@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This is the weekend for Honey Do's, get 'em done 'cause the band will get better, eventually

First a few days ago, Coronal Holes spewing particles disturbing the Geo Mag field, "K" index has been in and out of "storm levels" all

day, currently it is 5--YUK

Add to that 2 healthy M class flares occurring in rapid succession just a recently.

Read it a weep here:

<http://www.sec.noaa.gov/today.html>

Today I washed/waxed the car; cut grass; walked the dog; caught with QSL cards; paid bills....

73, Rod N0RC  
Ft Collins, CO

\*\*\*\*\*  
SuperFest 2001 14-Jul-2001  
<http://www.qsl.net/n0rc/hamfest/hamfest.html>  
BE THERE!  
\*\*\*\*\*

-----  
Date: Sat, 12 May 2001 21:32:23 -0700  
From: "blinn" <blinn@smgazette.com>  
To: <tjarey@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [98151] Re: You are correct about the Band conditions de AL7FS  
Message-ID: <003701c0db65\$b6cf6980\$70b8e5d8@blinn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Forty seems to be good right now. Just worked W7DZN QRP in Reno with 5 watts.

Bill

-----Original Message-----

From: T.J. "SKIP" Arey N2EI <tjarey@home.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Saturday, May 12, 2001 9:30 PM  
Subject: RE: You are correct about the Band conditions de AL7FS

>I think it is Murphy's Law. It seems the bands go dead every time I am  
>trying to use "live" signals to align or check a radio.

>  
>--  
>+++++  
>  
> T.J. "SKIP" AREY N2EI  
>  
> K2 #945 K1# 717 (under construction)  
>  
> Specialization is for insects! LAZARUS LONG  
>

--

-----  
Date: Sun, 13 May 2001 11:43:04 +0400  
From: "Oleg Borodin" <master72@lipetsk.ru>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [98152] Repeat a messages, please!  
Message-ID: <20010513075013Z10066-293+7145@relay.lipetsk.ru>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=Windows-1251  
Content-Transfer-Encoding: 7bit

Dear QRPers!  
Sorry, but I'm lose all your messages about order the Micro-80 kits. I'm  
reinstall my mail-system in accordance with exchange the mail-address. All  
who wrote me with order the kits repeat again your full name, address and  
the band you like to my new address: master72@lipetsk.ru  
Excuse for my mistake, please! :-)  
Good luck!  
72 & 73! de RV3GM/QRP Lipetsk, Russia  
G-QRP#4690 QRP-ARCI#10742 QRP-MASTER#50  
eng. Oleg V. Borodin E-Mail: master72@lipetsk.ru

-----  
Date: Sun, 13 May 2001 07:34:23 -0400  
From: "Pastor-KC1DI" <elbc@pivot.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [98153] web page  
Message-ID: <000701c0dba0\$a9112fa0\$ab7961ce@elbc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Hi all

I've the start of a web page un and running, you can check it out at  
<http://silverkelt.tripod.com/kc1di/>

73 Dave KC1DI

-----  
Date: Sun, 13 May 2001 08:31:00 -0500  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: qrp-l@Lehigh.EDU  
Subject: [98154] FT-817 and 6 Mtrs.  
Message-ID: <3.0.2.32.20010513083100.00818640@mail.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

VHF QRPers,

First Contact...

Made my first contact on 6 with the FT-817 running 5 W SSB. Among other uses, the FT-817 is doing duty as a band monitor while I'm working in my home office.

I ran about 40 ft of RG-8X connected to a coax switch from the shack to the office. The other day (10th), I heard a real strong station calling CQ on 6. Rather than go to the shack and switch over to the FT-847 I thought I'd give it a try. Sure enough, he heard me and gave me a 5/5 from EM87, a new grid for me. He was 5/9+ running 100 W to a 7 el beam on a 100 ft tower. I'm using a 4 el beam up about 25 ft.

The 6 mtr band has been really hopping for most of the past week. Should be a good Es season. When conditions are good, QRP is quite doable on 6 mtrs. Even with that extra length of lossy RG-8X... 8^)...

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275  
Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>  
[TPMS] Qs/131, States/40, DX /27, 3W to HF9V, Marsh Key, Codeboy Keyer

Date: Sun, 13 May 2001 08:43:41 -0500  
From: "Gene Sailsbury" <gsailsbury@mobil1.net>  
To: "Low power" <qrp-1@Lehigh.EDU>  
Subject: [98155] Test: Do not read:  
Message-ID: <002001c0dbb2\$b8d062a0\$52c03fd8@gene>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

trying to post for a month but I do not know where my ISP is sending it. Can  
post on other servers but not this one.  
Gene KC0IKY

-----  
Date: Sun, 13 May 2001 10:25:52 -0400 (EDT)  
From: <baltimoremd@baltimoremd.com>  
To: Gene Sailsbury <gsailsbury@mobil1.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [98156] Re: Test: Do not read:  
Message-ID: <Pine.BSI.4.05L.10105131025090.9916-100000@vh1.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 13 May 2001, Gene Sailsbury wrote:

> trying to post for a month but I do not know where my ISP is sending it. Can  
> post on other servers but not this one.

I knw I wasn't supposed to read it...but it did get posted to the list

baltimoremd@baltimoremd.com	Thom LaCosta K3HRN Webmaster
<a href="http://www.baltimoremd.com/">http://www.baltimoremd.com/</a>	Baltimore's Home Page
<a href="http://www.baltimorehon.com/">http://www.baltimorehon.com/</a>	Home of the Baltimore Lexicon
<a href="http://www.zerobeat.net">http://www.zerobeat.net</a>	Home of The QRP Web Ring and Drake Mail List Pages

-----  
Date: Sun, 13 May 2001 10:50:25 -0400  
From: Richard Rood <fcs@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [98157] Re: printing help files  
Message-ID: <20010513.105030.-3883909.6.fcs@juno.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

It looks pretty straight forward to me.  
Load the program Turn on your printer.  
Go to Help. Click. Go to Edit. Click. Select Print. Click  
Dick, W2SCF

-----  
Date: Sun, 13 May 2001 15:11:21 +0100  
From: "Kenneth Evans" <w4du@mediaone.net>  
To: "GQRP" <GQRP@yahoogroups.com>, "QRP-1 Discussion" <qrp-1@Lehigh.EDU>  
Subject: [98158] QRPedal  
Message-ID: <003901c0dbb6\$99c306c0\$6501a8c0@atl.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

VE3ELA bicycle mobile on 21060 now (1510Z). S-5 in Atlanta.

72/3,  
Ken W4DU  
QRP ARCI #696, GQRP, NOGA, NORCAL, ARRL-Life

-----  
Date: Sun, 13 May 2001 15:22:24 +0100  
From: "Kenneth Evans" <w4du@mediaone.net>  
To: "GQRP" <GQRP@yahoogroups.com>, "QRP-1 Discussion" <qrp-1@Lehigh.EDU>  
Subject: [98159] QRPedal  
Message-ID: <003f01c0dbb8\$248d9da0\$6501a8c0@atl.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The three bicycle mobilers are now east of Leamington, ONT. at 1524Z.

VE3ELA on 21060  
KB8U on 14060  
VE3JC on 7040.

Give them a try.  
72/3,

Ken W4DU  
QRP ARCI #696, GQRP, NOGA, NORCAL, ARRL-Life

-----  
Date: Sun, 13 May 2001 11:24:49 -0500  
From: "David Bixler" <qrp@netins.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [98160] QRPedal  
Message-ID: <DBEPKBJH00EAHCKKIHPFEEIJCBA.qrp@netins.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang:

Just worked Russ VE3/KB8U bicycle mobile on 14060.2  
at 1612 UTC. Not real strong here in Missouri but  
workable. They are at Leamington, Ontario on shore  
of Lake Erie.

72,

David Bixler   W0CH - VK2IQX  
Seneca, MO  
Main Web Site: <http://www.qsl.net/w0ch>  
Mirror Site:   <http://showcase.netins.net/web/w0ch>

QRP: Little Radios, Big Fun!

-----  
Date: Sun, 13 May 2001 10:30:33 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: David Bixler <qrp@netins.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [98161] Re: QRPedal  
Message-ID: <Pine.LNX.4.33.0105131029080.8120-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I heard VE3/KB8U here in Regina very weak about a 229 at best...tried to  
make the contact but no go....maybe later....glad to hear the lads are  
safe and sound....wish I was with them!...hi hi hi....



..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

-----  
Date: Sun, 13 May 2001 11:42:14 -0600  
From: "Steve/n0tu" <n0tu@webaccess.net>  
To: "QRP-L" <QRP-L@lehigh.edu>  
Subject: [98162] Pocket SWR-LED indicator  
Message-ID: <01ae01c0dbd4\$0c83fc60\$6a211d82@sg2939h.col.hp.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Folks,

Using the ScQrpinons (Dan's) SWR sensing circuit I built this little Pocket SWR indicator into a small plastic pill box. No switch - just remove it when you got a match. The short black tube on top is for the light from the LED so you can read this thing in bright daylight - no problem! Works great. I think the circuit is the same as the one in the ZM-2 or close.

Handy to have in the pack for checking what's going on at the rig end of the antenna. Some would say too many goodies to haul into the wild. But I prefer knowing my milliwatts are getting past the ant jack.

<http://www.webaccess.net/~s&p/images/swrLED.jpg>

Cheers, Steve/n0tu

-----  
Date: Sun, 13 May 2001 13:52:27 -0400  
From: John Wagner <john@neknetwork.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [98163] MH101: More cap questions  
Message-ID: <3AFEC9DB.CD3E1BA2@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I was lucky enough to remember that a QRP Homebrewer I previously read

had an article about capacitors by Paul Harden, NA5N. This is the Winter, 2000 edition of that journal.

In that article, Paul states that the difference between Ceramic and NPO Ceramics are that the NPO's have a stable temperature coefficient. He says that non-NPO caps should be avoided in frequency determining circuits (like VFO's).

In the VFO that I'm building for the MH101 project, I \*think\* I may have used two non-NPO caps for C4 and C8 in the VFO. I'm finding it difficult to ID what type these caps are. From the descriptions in Paul's article, they appear to be either Monolithic Ceramic Caps or Polyester Film caps. In the picture at: [http://www.qsl.net/kb1ens/sw30/1231\\_004.jpg](http://www.qsl.net/kb1ens/sw30/1231_004.jpg) - they are the two yellow capacitors on the board. They are marked 121 CIE and 332 AIJ. Using the tables on pg 62 and 63 of the article, I can't find anything about the CIE or AIJ markings on these caps.

Can someone kindly ID these caps for me?

More importantly, are they OK to use in the VFO of the radio? I'm at the point now where they can be easily replaced.

Thanks es 73,

John, KB1ENS

--

John Wagner - [john@neknetwork.com](mailto:john@neknetwork.com)

Web page: <http://www.neknetwork.com>

-----  
Date: Sun, 13 May 2001 13:39:29 -0500  
From: "Mark Hogan" <[mhogan@email.msn.com](mailto:mhogan@email.msn.com)>  
To: "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [98164] Re: MH101: More cap questions  
Message-ID: <00d101c0dbdc\$0c93e140\$ce111b3f@cityweb.gov>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Did anyone order teh right caps from Mouser?...I'd like the numbers used so I can order them also

Thanks

Mark Hogan / N50BC

-----

Date: Sun, 13 May 2001 14:52:16 -0400  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Cc: <john@neknetwork.com>  
Subject: [98165] Re: MH101: More cap questions  
Message-ID: <000d01c0dbdd\$d6b33ce0\$010044c0@baycty1.mi.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

John

Those sure look like monolithics.

Quite often designers will use a polystyrene cap in a VFO. The reason is that a PS cap has the opposite temperature coefficient to the inductor. Usually the PS will be in parallel to an NPO or even a monolithic to get the right balance in temperature coefficients. This can be pretty tedious business, getting it right. One rig I saw, maybe the OHR-100, had about a half dozen caps in parallel of different types in an attempt to make the coefficients work out right.

72/73 de WB8RCR      <http://members.home.com/wb8rcr/index.htm>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "John Wagner" <john@neknetwork.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Sunday, May 13, 2001 1:52 PM  
Subject: MH101: More cap questions

> I was lucky enough to remember that a QRP Homebrewer I previously read  
> had an article about capacitors by Paul Harden, NA5N. This is the  
> Winter, 2000 edition of that journal.  
>  
> In that article, Paul states that the difference between Ceramic and NPO  
> Ceramics are that the NPO's have a stable temperature coefficient. He  
> says that non-NPO caps should be avoided in frequency determining  
> circuits (like VFO's).  
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> used two non-NPO caps for C4 and C8 in the VFO. I'm finding it difficult  
> to ID what type these caps are. From the descriptions in Paul's article,  
> they appear to be either Monolithic Ceramic Caps or Polyester Film caps.

> In the picture at: [http://www.qsl.net/kb1ens/sw30/1231\\_004.jpg](http://www.qsl.net/kb1ens/sw30/1231_004.jpg) - they  
> are the two yellow capacitors on the board. They are marked 121 CIE and  
> 332 AIJ. Using the tables on pg 62 and 63 of the article, I can't find  
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> More importantly, are they OK to use in the VFO of the radio? I'm at the  
> point now where they can be easily replaced.  
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> Thanks es 73,  
>  
> John, KB1ENS  
> --  
> John Wagner - [john@neknetwork.com](mailto:john@neknetwork.com)  
> Web page: <http://www.neknetwork.com>  
>

-----  
Date: Sun, 13 May 2001 20:04:12 +0100  
From: "Tony Fishpool" <[g4wif@btinternet.com](mailto:g4wif@btinternet.com)>  
To: "Low Power Amateur Radio Discussion" <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [98166] Re: MH101: More cap questions  
Message-ID: <01c801c0dbdf\$819cc9e0\$8c5b073e@LocalHost>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Last year, Paul and George Heron kindly gave me permission to turn that article into a QRP data sheet. I've placed it at [www.btinternet.com/~g4wif/na5n.pdf](http://www.btinternet.com/~g4wif/na5n.pdf) . It is a bit huge at 1.6 megs, but hopefully, it will be worth the download if you haven't seen the article before.

Kind regards  
Tony - G4WIF

----- Original Message -----  
From: "John Wagner" <[john@neknetwork.com](mailto:john@neknetwork.com)>

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> QRP Homebrewer I previously read  
> had an article about capacitors by  
> Paul Harden, NA5N. This is the

> Winter, 2000 edition of that journal.

-----  
Date: Sun, 13 May 2001 15:21:59 -0400  
From: Tom & Roxanne <zikot@erie.net>  
To: QRPL <qrp-1@Lehigh.EDU> homebrew@Lehigh.EDU  
Subject: [98167] Free Circuit CAD & Analysis Program  
Message-ID: <5.0.2.1.0.20010513151446.00a04240@erie.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

This web site was passed along to me by an engineer at work. You can download a free student version of the circuit cad and analysis program. I have downloaded and used it and it is an excellent program for designing schematics and using the analysis tools to fine tune the circuit. If anyone downloads it and finds it useful let me know. I have no affiliation with Microcode or any of its partner companies.

The URL is: <http://www.microcode.com>

73's es gud DX!

Tom & Roxanne  
WA1VAI  
Erie, PA.

-----  
Date: Sun, 13 May 2001 16:34:45 -0400  
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>  
To: "'fcsww@juno.com'" <fcsww@juno.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [98168] RE: printing help files  
Message-ID: <078F21595FA7D411B87B00805FA728E64A474B@atlexc02ntms.h boc.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

If you do that, you will go through a ream of paper and not have a concise manual... with no index, the worst part.. I'll try to find the other

program.

Jerry  
W3CDE

-----Original Message-----

From: Richard Rood [mailto:fcsww@juno.com]  
Sent: Sunday, May 13, 2001 10:50 AM  
To: Low Power Amateur Radio Discussion  
Subject: Re: printing help files

It looks pretty straight forward to me.  
Load the program Turn on your printer.  
Go to Help. Click. Go to Edit. Click. Select Print. Click  
Dick, W2SCF

-----  
Date: Sun, 13 May 2001 13:33:48 -0700  
From: "blinn" <blinn@smgazette.com>  
To: <mhogan@email.msn.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [98169] Re: MH101: More cap questions  
Message-ID: <004101c0dbec\$04f7fe20\$6bb8e5d8@blinn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

3300 pF = 80-C320C332J1G  
100 pF = 80-C320C101J1G  
22 pF = 80-C320C220J1J  
68 pF = 141-100NS5-068J  
47 pF = 141-100N5-047J

The first three are radial and the last two are disc. All in stock.  
What wasn't listed was a 120 pF in any type, so I'm wondering if this is a  
standard value. I plan to parallel a 100 and a 22.

Bill - WA7TQK

-----Original Message-----

From: Mark Hogan <mhogan@email.msn.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Sunday, May 13, 2001 12:36 PM  
Subject: Re: MH101: More cap questions

>Did anyone order teh right caps from Mouser?...I'd like the numbers used so  
>I can order them also  
>Thanks  
>Mark Hogan / N50BC  
>  
>

--

-----  
Date: Sun, 13 May 2001 14:16:45 -0700  
From: "blinn" <blinn@smgazette.com>  
To: <blinn@smgazette.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [98170] Re: MH101: More cap questions  
Message-ID: <005401c0dbf2\$05769540\$6bb8e5d8@blinn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I meant to say, "The first three are coated radials and the last two are ceramic disc." (All NPO, by the way.)

-----Original Message-----

From: blinn <blinn@smgazette.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Sunday, May 13, 2001 2:42 PM  
Subject: Re: MH101: More cap questions

>3300 pF = 80-C320C332J1G  
>100 pF = 80-C320C101J1G  
>22 pF = 80-C320C220J1J  
>68 pF = 141-100NS5-068J  
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>Bill - WA7TQK

>-----Original Message-----

>From: Mark Hogan <mhogan@email.msn.com>  
>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
>Date: Sunday, May 13, 2001 12:36 PM  
>Subject: Re: MH101: More cap questions

>  
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so  
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>>Mark Hogan / N50BC  
>>  
>>  
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Date: Sun, 13 May 2001 16:30:10 -0500  
From: "Brian Murrey" <bmmurrey@amexol.net>  
To: <blinn@smgazette.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [98171] Re: MH101: More cap questions  
Message-ID: <006201c0dbf3\$e42c0580\$25312bd1@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Are those all NPO's?

----- Original Message -----

From: "blinn" <blinn@smgazette.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Sunday, May 13, 2001 3:33 PM  
Subject: Re: MH101: More cap questions

> 3300 pF = 80-C320C332J1G  
> 100 pF = 80-C320C101J1G  
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> Bill - WA7TQK  
> -----Original Message-----  
> From: Mark Hogan <mhogan@email.msn.com>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Date: Sunday, May 13, 2001 12:36 PM  
> Subject: Re: MH101: More cap questions  
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> >  
> >  
>  
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>  
>

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Date: Sun, 13 May 2001 14:20:44 -0700  
From: "blinn" <blinn@smgazette.com>  
To: <g4wif@btinternet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [98172] Re: MH101: More cap questions  
Message-ID: <005701c0dbf2\$93e80980\$6bb8e5d8@blinn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just what the doctor ordered! Thanks for the article and the posting Tony,  
and thanks to Paul for authoring it initially.

Bill - WA7TQK  
-----Original Message-----  
From: Tony Fishpool <g4wif@btinternet.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Sunday, May 13, 2001 1:00 PM  
Subject: Re: MH101: More cap questions

>Last year, Paul and George Heron kindly gave me permission to turn that  
>article into a QRP data sheet. I've placed it at  
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>Tony - G4WIF

>

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>From: "John Wagner" <[john@neknetwork.com](mailto:john@neknetwork.com)>

>

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>> QRP Homebrewer I previously read  
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End of QRP-L Digest 2188

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